

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((radiation near detector) same semiconductor\$4) and ((defective near2 pixel) same ((drain near power) or (low near resist\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 15:22
L2	1	((defective near2 pixel) same ((drain near power) or (low near resist\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 15:24
L3	0	(gamma with detector with semiconductor) and (pixel with (low near resist\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 16:32
L4	0	(gamma with detector with semiconductor) and (defective with pixel with (low near resist\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 15:25
L5	2	(defective with pixel with (low near resist\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 16:32
L9	720	250/370.01.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 16:32
L10	62	(gamma with detector with semiconductor) and 9	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 16:32
S1	1	10/632169	US-PGPUB	OR	ON	2005/09/18 21:26
S2	777	semiconductor with (gamma or neutron) with detect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 09:48
S3	0	S1 same (pixel\$4 with disabl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:32

## EAST Search History

S4	0	S2 same (pixel\$4 with disabl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:33
S5	3	S2 and (pixel\$4 with disabl\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 08:59
S6	30	(pixel\$4 with disabl\$4) with (imperfect\$5 or defect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:36
S7	16	(pixel\$4 near3 disabl\$4) with (imperfect\$5 or defect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:38
S8	0	S7 and (semiconductor with (gamma or neutron) )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:36
S9	0	S7 and (detect\$4 near2 (radiation or gamma or neutron))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:39
S10	1329	(pixel\$4 near3 (correct\$5 or disabl\$4)) with (imperfect\$5 or defect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:43
S11	43	S10 and (detect\$4 near2 (radiation or gamma or neutron))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:39
S12	1	S11 and (semiconductor with (gamma or neutron) with detect\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:39
S13	2055	semiconductor with (gamma or neutron)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:42

## EAST Search History

S14	137	semiconduct\$3 same (pixel\$4 near3 (correct\$5 or disabl\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:45
S15	3	S13 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:53
S16	47	S14 and (pixel with resolution)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:46
S17	10	S16 and detector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:47
S18	7	S16 and (detect\$4 with (gamma or neutron))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/13 14:48
S19	7	S14 and (detect\$4 with (gamma or neutron))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:08
S20	58	((CdZnTe or czt) near3 detector) with pixel\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:33
S21	1	S20 same ((enabl\$4 or disabl\$4) with pixel\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:13
S22	0	S20 same (correct\$4 with pixel\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:10
S23	0	S20 same (defect\$5 with pixel\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:10

## EAST Search History

S24	8	S20 same (resolution with pixel\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:11
S25	284	((semiconductor or CdZnTe or czt) near3 detector) with pixel\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:13
S26	68	S25 same ((defect\$5 or correct\$5 or disconnect\$4 or connect\$4 or imperfect\$5 or enabl\$4 or disabl\$4) with pixel\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:23
S27	10	S26 same ((CdZnTe or czt) near3 detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:14
S28	21	S25 same ((defect\$5 or correct\$5 or disconnect\$4 or imperfect\$5 or enabl\$4 or disabl\$4) with pixel\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:14
S29	1	S28 same ((CdZnTe or czt) near3 detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:15
S30	3	S28 and ((CdZnTe or czt) near3 detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:15
S31	21	S25 same ((defect\$5 or correct\$5 or disconnect\$4 or imperfect\$5 or enabl\$4 or disabl\$4) with (lead or pixel\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:23
S32	0	S25 same ((defect\$5 or correct\$5 or disconnect\$4 or imperfect\$5 or enabl\$4 or disabl\$4) with lead)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:24
S33	0	S25 same ((defect\$5 or correct\$5 or disconnect\$4 or cut or imperfect\$5 or enabl\$4 or disabl\$4) with lead)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:25

## EAST Search History

S34	7	(detector with pixel) same ((defect\$5 or correct\$5 or disconnect\$4 or cut or imperfect\$5 or enabl\$4 or disabl\$4) with lead)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:25
S35	3	(detector with pixel) same ((defect\$5 or correct\$5 or disconnect\$4 or cut or imperfect\$5 or enabl\$4 or disabl\$4) with (pixel with lead))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:31
S36	28	(detector with (gamma or neutron or radiation)) and ((defect\$5 or correct\$5 or disconnect\$4 or cut or imperfect\$5 or enabl\$4 or disabl\$4) with (pixel with lead))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:33
S37	1478	(detector with (gamma or neutron or radiation)) and ((defect\$5 or correct\$5 or disconnect\$4 or cut or imperfect\$5 or enabl\$4 or disabl\$4) with pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:33
S38	238	(detector with (gamma or neutron or radiation)) same ((defect\$5 or correct\$5 or disconnect\$4 or cut or imperfect\$5 or enabl\$4 or disabl\$4) with pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:37
S39	4	S38 and (((CdZnTe or czt) near3 detector) with pixel\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:38
S40	266	(detector with (gamma or neutron or radiation)) same ((defect\$5 or dicard\$5 or off or correct\$5 or disconnect\$4 or cut or imperfect\$5 or enabl\$4 or disabl\$4) with pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:38
S41	284	(detector with (gamma or neutron or radiation)) same ((defect\$5 or discard\$5 or off or correct\$5 or disconnect\$4 or cut or imperfect\$5 or enabl\$4 or disabl\$4) with pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 15:40
S42	5	S41 and (((CdZnTe or czt) near3 detector) with pixel\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:38
S43	87	S41 and ((off or disconnect\$4 or cut or disabl\$4) with pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:40

## EAST Search History

S44	11	S41 and ((disconnect\$4 or cut or disabl\$4) near3 pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:41
S45	4	S44 and (gamma or neutron)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:41
S46	71	readout near3 asic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:53
S47	9	S46 and ((gamma or neutron) near detector)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:54
S48	2	S47 and (asic same vlsi)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 10:55
S49	2	((("5723866") or ("6694172")).PN.	USPAT	OR	OFF	2005/09/14 11:26
S50	1	S49 and (readout with channel with pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 11:26
S51	284	(detector with (gamma or neutron or radiation)) same ((defect\$5 or discard\$5 or off or correct\$5 or disconnect\$4 or cut or imperfect\$5 or enabl\$4 or disabl\$4) with pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 15:44
S52	0	S51 and (temperature near sencor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 15:41
S53	11	S51 and (temperature near sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 15:44

## EAST Search History

S54	2	S53 and (gain with temperature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 15:41
S55	3287	(gain with temperature) and (temperature near sensor)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 15:44
S56	1720	(detector with (gamma or neutron or radiation)) and ((defect\$5 or discard\$5 or off or correct\$5 or disconnect\$4 or cut or imperfect\$5 or enabl\$4 or disabl\$4) with pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 15:45
S57	15	S55 and S56	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/14 15:45
S58	0	("11060037").PN.	USPAT	OR	OFF	2005/09/14 17:15
S59	0	11/060037	US-PGPUB	OR	ON	2005/09/14 17:15
S60	0	"11060037"	US-PGPUB	OR	ON	2005/09/14 17:15
S61	0	"11060037"	US-PGPUB; USPAT	OR	ON	2005/09/14 17:15
S62	686	250/370.01.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/15 13:34
S63	0	spartiotis.in. and (asic with interface).	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 20:14
S64	1	spartiotis.in. and (asic same interface)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 08:56
S65	1	10/611847	US-PGPUB	OR	ON	2005/09/18 21:26
S66	8695	tab with pad	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 21:28

## EAST Search History

S67	945	S66 same (Ic or (integrated near circuit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 21:28
S68	245	S67 and (pad with line)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 21:29
S69	1	S67 and (pad with bundle with line)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 21:29
S70	5	S68 and "250"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 21:32
S71	4	S70 and detector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 21:32
S72	1	S71 and (amplifier with tab)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 21:32
S73	1	S68 and (amplifier with tab)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 21:32
S74	18	S66 and (amplifier with tab)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 21:32
S75	1	S74 and detector	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 21:32
S76	1	S74 and "250"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 21:32



## EAST Search History

S77	13	asic same detector same vlsi	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 08:56
S78	7	S77 and interface	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 09:42
S79	1	("6559452").PN.	USPAT	OR	OFF	2005/09/19 09:42
S80	4243	detector and (transmit\$6 with (real near time))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 09:48
S81	1283	detector and ((transmit\$6 near3 data)with (real near time))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 09:49
S82	61	S81 and pet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 09:49
S83	0	S82 and "250"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 09:49
S84	26	S81 and "250"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 09:49
S85	0	S84 and pet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 09:49
S86	26	small near pixel near effect	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/31 09:00

## EAST Search History

S87	12	S86 and ((radiation near detector) same semiconduct\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/08 15:21
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